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OM nucleic - nucleic search, using sw model

Run on: June 1, 2003, 16:20:34 ; Search time 279.331 Seconds
(without alignments)
10774.128 Million cell updates/sec

Title: US-09-625-573-1
Perfect score: 2232
Sequence: 1 GGATTGAACAGGAGCATT.....TATAACTATGTTGATAAAG 2232

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 845702 seqs, 674182571 residues
Total number of hits satisfying chosen parameters: 1691404

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_NA.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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3	937.8	42.0	1083	10	US-09-131-827A-19
4	635.6	28.5	1059	12	US-10-106-623-19
5	632.6	28.3	1056	10	US-09-779-879A-21
6	632.6	28.3	1056	10	US-09-779-880A-21
7	632.6	28.3	1225	10	US-09-813-653-14
8	632.6	28.3	1376	9	US-10-086-814-2
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US-09-912-025-1

ALIGNMENTS

RESULT 1
US-09-967-768A-316
; Sequence 316, Application US/09967768A
; Patent No. US20020150877A1
; GENERAL INFORMATION:
; APPLICANT: Augustus, Meena
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using S
; TITLE OF INVENTION: Sets
; FILE REFERENCE: 689290-72
; CURRENT APPLICATION NUMBER: US/09/967,768A
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: US/60/236,109
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,034
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US/60/236,111
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 325
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 316
; LENGTH: 143068
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-967-768A-316

Query Match 56.0%; Score 1250.8; DB 10; Length 143068;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 1252; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 979 AGCCCTTTTTCACATAGCTCTTGGCTGTAGAGTGGCCCACTCCAAAACCAAGTGTGTGGA 1038
DB 48253 AGCCCTTTTTCACATAGCTCTTGGCTGTAGAGTGGCCCACTCCAAAACCAAGTGTGTGGA 48312

QY 1039 GGTCCAGGAGTGAGACAGGAAAGAAATGTGAAGTGACTACACAGGAGCTCTTCGATGTG 1098
DB 48313 GGTCCAGGAGTGAGACAGGAAAGAAATGTGAAGTGACTACACAGGAGCTCTTCGATGTG 48372

QY 1099 COTGGAAGGAAAGTCAATTCGCAGAGCCCTGAGCCAGCTTCAGGACAAAGGA 1158
DB 48373 COTGGAAGGAAAGTCAATTCGCAGAGCCCTGAGCCAGCTTCAGGACAAAGGA 48432

QY 1159 GCCTAGACAGCAAAATGACAGATCTCTGCTTTGGAAATACACAGCTCTGCTTCACAGATG 1218

D	b	48433	GCCTAGACACAGAAATGACAGATCTCTGCTTGGAAATCACAGCTCTGGCTTCACAGATG	48492
Q	y	1219	TGTGATTACAGTGTGAATCTTTGGTGTCTACGTTTACCAGSCAGGAGGCTTGAGAGGAG	1278
D	b	48493	TGTGATTACAGTGTGAATCTTTGGTGTCTACGTTTACCAGSCAGGAGGCTTGAGAGGAG	48552
Q	y	1279	AGACTCCAGCTGGGTTGGAAAACAGATATTTCCAAACTACCTTCCAGTTCTCATTTTGTG	1338
D	b	48553	AGACTCCAGCTGGGTTGGAAAACAGATATTTCCAAACTACCTTCCAGTTCTCATTTTGTG	48612
Q	y	1339	AATACAGGCATAGAGTTTCAGACTTTTTTAAATAGTAAAAATAAAATTTAAAGCTGAAAAC	1398
D	b	48613	AATACAGGCATAGAGTTTCAGACTTTTTTAAATAGTAAAAATAAAATTTAAAGCTGAAAAC	48672
Q	y	1399	TGCAACTTGTAAATGTGTAAAGAGTTAGTTTGAGTTGCTATCATGTCAAAACGTGAAAAT	1458
D	b	48673	TGCAACTTGTAAATGTGTAAAGAGTTAGTTTGAGTTGCTATCATGTCAAAACGTGAAAAT	48732
Q	y	1459	GCTGTATTAGTCACAGAGATAATCTACGTTTGAGCTTAAAGAAATTTTGACAGGTCGGTAT	1518
D	b	48733	GCTGTATTAGTCACAGAGATAATCTACGTTTGAGCTTAAAGAAATTTTGACAGGTCGGTAT	48792
Q	y	1519	GTTTGGGAGACTGCTGAGTCAACCCAAATGATGTTTGATTTGGCAGGAGTTGGAAGTGTGTG	1578
D	b	48793	GTTTGGGAGACTGCTGAGTCAACCCAAATGATGTTTGATTTGGCAGGAGTTGGAAGTGTGTG	48852
Q	y	1579	ATCTGTGGGCACATTTAGCCTATGTGCATGCAGCATCTAAGTAATGATGCTGTTTGAATCA	1638
D	b	48853	ATCTGTGGGCACATTTAGCCTATGTGCATGCAGCATCTAAGTAATGATGCTGTTTGAATCA	48912
Q	y	1639	CAGTATACGCTCCATCGCTGTCACTCAGCTGGATCTCCATCTCTCAGGCTTGCTGCCA	1698
D	b	48913	CAGTATACGCTCCATCGCTGTCACTCAGCTGGATCTCCATCTCTCAGGCTTGCTGCCA	48972
Q	y	1699	AAAGCCTTTTGTGTTTGTGTTTGTATCATATTAAGTCATCGGTTTAAATCAATTCGAGT	1758
D	b	48973	AAAGCCTTTTGTGTTTGTGTTTGTATCATATTAAGTCATCGGTTTAAATCAATTCGAGT	49032
Q	y	1759	GTTTCAGTCTTCGCAGATGCTCTTGATGCTCATATTTGTCCTTAAATTTGCCAGTGGAA	1818
D	b	49033	GTTTCAGTCTTCGCAGATGCTCTTGATGCTCATATTTGTCCTTAAATTTGCCAGTGGAA	49092
Q	y	1819	CTCCTAAATCAAATTGGCTTCTAATCAAAGCTTTTAAACCCCTATTGTTAAAGATGGAAG	1878
D	b	49093	CTCCTAAATCAAATTGGCTTCTAATCAAAGCTTTTAAACCCCTATTGTTAAAGATGGAAG	49152
Q	y	1879	GTGGAGAAGCTCCCTGAAGTAAGCAAGACTTTCCCTCTTATAGTCAGGCCAAGTTAAGATG	1938
D	b	49153	GTGGAGAAGCTCCCTGAAGTAAGCAAGACTTTCCCTCTTATAGTCAGGCCAAGTTAAGATG	49212
Q	y	1939	TTCCTTATGTTGCCAGTGTGTTTCTGATCTGATGCAAGCAAGAACTGGGCTTCTAGA	1998
D	b	49213	TTCCTTATGTTGCCAGTGTGTTTCTGATCTGATGCAAGCAAGAACTGGGCTTCTAGA	49272
Q	y	1999	ACCAGGCAACTTGGGAACCTAGACTCCCAAGCTGGACTATGGCTCTACTTTTCAGGCCACAT	2058
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Q	y	2059	GGCTAAAGAAAGTTTCAGAAAGAGTGGGACAGACGAACTTTCACCTTCATATATTT	2118
D	b	49333	GGCTAAAGAAAGTTTCAGAAAGAGTGGGACAGACGAACTTTCACCTTCATATATTT	49392
Q	y	2119	GTATGATCCTTAATGAATGCATAAAATGTTAAGTTGATGCTGATGAATGTTAAATCTGTT	2178
D	b	49393	GTATGATCCTTAATGAATGCATAAAATGTTAAGTTGATGCTGATGAATGTTAAATCTGTT	49452
Q	y	2179	TTTAAACCAACTATGATTGGAATAAATAAATCAATGCTATAACTATGTTGATAAAG	2232
D	b	49453	TTTAAACCAACTATGATTGGAATAAATAAATCAATGCTATAACTATGTTGATAAAG	49506

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US-09-131-827A-1
; Sequence 1, Application US/09131827A
; Patent No. US20020038469A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Michael
; APPLICANT: O'Brien, Stephen J.
; APPLICANT: Smith, Michael
; APPLICANT: Carrington, Mary
; TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A
; MISENSE ALLELE OF THE CCR2 GENE
; FILE REFERENCE: 14014.0333
; CURRENT APPLICATION NUMBER: US/09/131,827A
; CURRENT FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/055,659
; PRIOR FILING DATE: 1997-08-14
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 1083
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(1080)
; US-09-131-827A-1

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Query Match 42.1%; Score 939.4; DB 10; Length 1083;
Best Local Similarity 99.9%;
Pred. NO. 2.4e-260;
Matches 940; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY	40	ATGCTGTCACATCTCGCTTC	CGGTTATCAGAAATACCAACGAGACGGGTGAAGAAGTC	99
Db	1	ATGCTGTCACATCTCGTCTC	CGGTTATCAGAAATACCAACGAGACGGGTGAAGAAGTC	60
QY	100	ACCACCTTTTGTGATTATGATTACGGTGCTCCCTGTCATAAAATTTGACGTGAGACAAATT	159	
Db	61	ACCACCTTTTGTGATTATGATTACGGTGCTCCCTGTCATAAAATTTGACGTGAGACAAATT	120	
QY	160	GGGGCCCAACTCCCTCGCTCGCTCTACTCGCTGGTGTTTCATCTTTGGTTTTTGGGGCAAC	219	
Db	121	GGGGCCCAACTCCCTCGCTCGCTCTACTCGCTGGTGTTTCATCTTTGGTTTTTGGGGCAAC	180	
QY	220	ATGCTGGTGGTCCATCTTTAATAAACTGCAAAAAGCTGAAAGTGCCTGACTGCACATTTAC	279	
Db	181	ATGCTGGTGGTCCATCTTTAATAAACTGCAAAAAGCTGAAAGTGCCTGACTGCACATTTAC	240	
QY	280	CTGCTCAACCTGGCCATCTCTGATCTGCTTTTCTTATTTACTCTCCCATGTGGGGCTCAC	339	
Db	241	CTGCTCAACCTGGCCATCTCTGATCTGCTTTTCTTATTTACTCTCCCATGTGGGGCTCAC	300	
QY	340	TCGTCTCAAAATGAGTGGGTCTTTGGGAATGCAATGTCAAAATATTACACAGGGCTGTAT	399	
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QY	400	CACATCGGTTATTTTGGCGGAATCTTCTTCATCATCTCCTGACAAATCGATAGATACCTG	459	
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QY	460	GCTATTGTCCATGCTCGTTGCTTTTAAAGCCAGGACGGTCACTTTGGGTGGTGACA	519	
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 Db 721 GCAGTGAGAGTCATCTTCAACCATCATGATGTTTACTTTCTCTCTGACGATCCCTATAAT 780
 QY 820 ATTGTCATCTTCCGACACACCTTCCAGGAATCTTCCGCTGAGTAACTGTGAAGCACC 879
 Db 781 ATTGTCATCTTCCGACACACCTTCCAGGAATCTTCCGCTGAGTAACTGTGAAGCACC 840
 QY 880 AGTCAACTGGACCAAGCCACGAGTCAGAGACTCTTGGGATGACTCACTGTGTCATC 939
 Db 841 AGTCAACTGGACCAAGCCACGAGTCAGAGACTCTTGGGATGACTCACTGTGTCATC 900
 QY 940 AATCCCATCATCTATGCTTCTGTTGGGAGAGATTCAGAAG 980
 Db 901 AATCCCATCATCTATGCTTCTGTTGGGAGAGATTCAGAAG 941
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 US-09-131-827A-19
 ; Sequence 19, Application US/09131827A
 ; Patent No. US20020038469A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dean, Michael
 ; APPLICANT: O'Brien, Stephen J.
 ; APPLICANT: Smith, Michael
 ; APPLICANT: Carrington, Mary
 ; TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A
 ; FILE REFERENCE: 14014.0333
 ; CURRENT APPLICATION NUMBER: US/09/131,827A
 ; PRIOR FILING DATE: 1998-08-10
 ; PRIOR APPLICATION NUMBER: 60/055,659
 ; PRIOR FILING DATE: 1997-08-14
 ; NUMBER OF SEQ ID NOS: 20
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 19
 ; LENGTH: 1083
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-131-827A-19
 Query Match 42.0%; Score 937.8; DB 10; Length 1083;
 Best Local Similarity 99.8%; Pred. No. 7.1e-260;
 Matches 939; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 40 ATGCTGCCACATCTCGTTCTCGGTTTATCAGAAATACCAACGAGAGCGGTGAAGATC 99
 Db 1 ATGCTGCCACATCTCGTTCTCGGTTTATCAGAAATACCAACGAGAGCGGTGAAGATC 60
 QY 100 ACCACCTTTTGGATTATGATTACGGTGCTCCCTGTCATAAATTTGACGTGAAGCAAAAT 159
 Db 61 ACCACCTTTTGGATTATGATTACGGTGCTCCCTGTCATAAATTTGACGTGAAGCAAAAT 120
 QY 160 GGGGCCCAACTCCCTCCGCTCTACTCGCTGTGTGTCATCTTTGTTTGTGGGCAAC 219
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 QY 340 TCTGCTGCAAAATGAGTGGGTCTTTGGGAATGCAATGTCAAATTTATTCACGGGCTGAT 399
 Db 301 TCTGCTGCAAAATGAGTGGGTCTTTGGGAATGCAATGTCAAATTTATTCACGGGCTGAT 360

QY 400 CACATCGGTTATTTTGGCGGAATCTTCTTCATCATCTCTCTGACAAATCGATAGATACCTG 459
 Db 361 CACATCGGTTATTTTGGCGGAATCTTCTTCATCATCTCTCTGACAAATCGATAGATACCTG 420
 QY 460 GCTATTGTCATCTGCTGTTTCTTAAAGCCAGAGGGTCACTTTGGGTGGTGACA 519
 Db 421 GCTATTGTCATCTGCTGTTTCTTAAAGCCAGAGGGTCACTTTGGGTGGTGACA 480
 QY 520 AGTGTGATCACTGCTGTTTGTGTTTCTGTTCCAGAGATCATCTTACTAA 579
 Db 481 AGTGTGATCACTGCTGTTTGTGTTTCTGTTCCAGAGATCATCTTACTAA 540
 QY 580 TGCCGAGAAAGAGATCTGTTTATGCTGCTGCGCCCTTATTTCCAGAGATGGAATAAT 639
 Db 541 TGCCGAGAAAGAGATCTGTTTATGCTGCTGCGCCCTTATTTCCAGAGATGGAATAAT 600
 QY 640 TTCCACACAATATGAGGAACATTTTGGGGTGGTCTGCTGCTCATCATCTGTCATC 699
 Db 601 TTCCACACAATATGAGGAACATTTTGGGGTGGTCTGCTGCTCATCATCTGTCATC 660
 QY 700 TGCTACTCGGGAATCTTGAACCCCTGCTTCCGCTGTCGAAACGAGAGAGAGCATAGG 759
 Db 661 TGCTACTCGGGAATCTTGAACCCCTGCTTCCGCTGTCGAAACGAGAGAGAGCATAGG 720
 QY 760 GCAGTGAGAGTCATCTTCAACCATCATGATGTTTACTTTCTTCTGAGTCCCTATAAC 819
 Db 721 GCAGTGAGAGTCATCTTCAACCATCATGATGTTTACTTTCTTCTGAGTCCCTATAAT 780
 QY 820 ATTGTCATCTTCTGTAACACCTTCCAGGAATTTCTGCGCTGAGTAACTGTGAAGCACC 879
 Db 781 ATTGTCATCTTCTGTAACACCTTCCAGGAATTTCTGCGCTGAGTAACTGTGAAGCACC 840
 QY 880 AGTCAACTGACCAAGCCACGAGTCAGAGACTCTTGGGATGACTCACTGTGTCATC 939
 Db 841 AGTCAACTGACCAAGCCACGAGTCAGAGACTCTTGGGATGACTCACTGTGTCATC 900
 QY 940 AATCCCATCATCTATGCTTCTGTTGGGAGAGATTCAGAAG 980
 Db 901 AATCCCATCATCTATGCTTCTGTTGGGAGAGATTCAGAAG 941
 RESULT 4
 US-10-106-623-19
 ; Sequence 19, Application US/10106623
 ; Patent No. US20020150888A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Gray, Patrick W.
 ; APPLICANT: Schweickart, Vicky L.
 ; APPLICANT: Raport, Carol J.
 ; TITLE OF INVENTION: Chemokine Receptor Materials and Methods
 ; NUMBER OF SEQUENCES: 20
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
 ; STREET: 6300 Sears Tower, 233 S. Wacker Drive
 ; CITY: Chicago
 ; STATE: Illinois
 ; COUNTRY: USA
 ; ZIP: 60606
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/10/106,623
 ; FILING DATE: 26-Mar-2002
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/771,276
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: No. US20020150888Aland, Greta E.

Query Match	28.5%	Score	635.6	DB 12	Length	1059
Best Local Similarity	83.5%	Pred.	No. 1.2e-172			
Matches	738	Conservative	0	Mismatches	134	Indels
QY	110	TTGATTATGATTACGGTCTCCCTGTCTATAAATTTGAGCTGAAGCAAAATTTGGGGCCCAAC	169			
Db	35	TCGATTAATACATCGGAACCCCTGCCAAAAAATCAATGTGAACAAAAATCGAGCCCGCC	94			
QY	170	TCTGCGCTCGCGCTCTACTCGCTGGTGTTCATCTTTTGGTTTGGGCAACATCTGGTGTG	229			
Db	95	TCCTGCTCGCGCTCTACTCACTGGTGTTCATCTTTGGTTTGTGGCAACATCTGGTGTG	154			
QY	230	TCTCATCTTAATAACTGCAAAAGCTGAAGTGGTCTGACTGACATTTACCTGCTCAACC	289			
Db	155	TCTCATCTCTGATAACTGCAAAAGGCTGAAAGCATGACTGACATCTACCTGCTCAACC	214			
QY	290	TGCCATCTCTGATCTGCTTTTCTTATTAATCTCCCATTTGTGGCTCACTCTCGTGC	349			
Db	215	TGCCATCTCTGACCTGCTTTTCTTCTTACTGTCCCTTCTGGGCTCACTATGCTGCTG	274			
QY	350	ATGAGTGGGTCTTTGGGAATGAATGCAAAATTAATTCACAGGCTGTATCACATCGGTT	409			
Db	275	CCAGTGGGACTTTGGAAATACAATGTGCAACTCTTGACAGGCTCTATTTTATAGCT	334			
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QY	470	ATGCTGTGTTTGGTTTAAAGCCAGGACGGTCACTTTGGGGTGGTGAAGTGTGATCA	529			
Db	395	ATGCTGTGTTTGGTTTAAAGCCAGGACAGTCACTTTGGGGTGGTGAAGTGTGATCA	454			
QY	530	CCTGGTTGGTGGCTGTGTTGCTCTGTCGCCAGGATCATTTTCTAAATGCCAGAAAG	589			
Db	455	CTTGGTGGTGGCTGTGTTGCTCTCTCCAGGAATCATCTTTACCAATCTTCAGAGAG	514			
QY	590	AAGATCTGTTTATGCTGTGGCCCTTATTTTCCA-----CGAGGATGGAATA	637			
Db	515	AAGTCTTCTATTACACCTGCACTCTCATTTTCCATACAGTCAGTATCAATTCGGAAGA	574			
QY	638	ATTTCCACACAATATAGGACATTTTGGGCGTGGTCTGCCGTGCTCATCATGCTCA	697			
Db	575	ATTTTCAGACATTAAGATGGTCACTTTGGGGCTGGTCTGCCGTGCTGTGTCATGGTCA	634			
QY	698	TCTGCTACTCGGGAATCTGAAACCCCTGCTCGGTGTCGAACAGAGAGAGGCAATA	757			
Db	635	TCTGCTACTCGGGAATCTGAAACTCTGCTTCGGTGTGGAACGAGAAGAGGCA	694			
QY	758	GGGCAGTGAGAGTCACTTTCACATCATGATGTTTACTTCTCTCTGGACTCCCTATA	817			
Db	695	GGCTGTGAGGCTTATCTTCACCATCATGATGTTTATTTTCTCTGTGGGCTCCCTACA	754			
QY	818	ACATGTGCTATCTCCTGAAACACCTTCAGGAAATCTTCGGGCTGAGTAACTGTGAAGCA	877			
Db	755	ACATGTGCTTCTCTGAAACACCTTCAGGAAATCTTTGGGCTGAATATTTGAGTAGCT	814			

QY	233	TCATCTTAATAAATGCAAAAGAGCTGAAAGTGGCTTGACTGACATTAATGCTGCTCAACCTGG	292
Db	158	TCATCTGTATAAATGCAAAAGAGCTGAAAGAGCATGACTGACATTAATGCTGCTCAACCTGG	217
QY	293	CCATCTCTGATCTGCTTTTTTCTTATTAATCTCTCCCAATTTGTGGGCTCACTCTGCTGCAAAATG	352
Db	218	CCATCTCTGACCTGTTTTTCTTCTTACTGTCCCTTCTGGCTCACTATGCTCGCGGCC	277
QY	353	AGTGGGTCTTTGGGAATGCAATGTGCAAAATTTTACAGAGGCTGTATCACATCGGTTATT	412
Db	278	AGTGGGACCTTTGGAAATACAATGTGTCAACTCTTGACAGGCTCTATTTTATAGGCTCTCT	337
QY	413	TTGGCGGAATCTTCTTCATCATCTCTGACAAATCGATAGATACCTGGCTATFTGTCATG	472
Db	338	TCCTCTGGAATCTTCTTCATCATCTCTGACAAATCGATAGTAGTACCTGGCTGTGCTGCCATG	397
QY	473	CTGTGTTTGGCTTTTAAAGCCAGCAGCGTCACTTTGGGGTGTGTGACAAAGTGTGATCACT	532
Db	398	CTGTGTTTGGCTTTTAAAGCCAGCAGCGTCACTTTGGGGTGTGTGACAAAGTGTGATCACT	457
QY	533	GGTTGGTGGCTGTGTTTGGCTCTGCTCCAGGAATCATCTTTACTAAATGCCAAGAAAGAG	592
Db	458	GGGTGGTGGCTGTGTTTGGCTCTCTCCAGGAATCATCTTTACCAGATCTCAAAAGAGAG	517
QY	593	ATTCTGTATTATGCTGTGGGCCCTATTATTCCCA-----CGAGGATGGAATAATT	640
Db	518	GTCTTCAATTACACCTGCAGCTCTCAITTTCCATACAGTCAGTATCAATTTCTGGAAGAATT	577
QY	641	TCCACACAATAATGAGGAACATTTTGGGGTGTGCTCTCGCGTGTCTCATCTGCTCATCT	700
Db	578	TCCAGACATTAAAGATAGTCAITCTTTGGGGTGTGCTCTCGCGTGTCTGTCATGCTCATCT	637
QY	701	GCTACTCGGNAATCTGAAACCCCTGCTCGGTGTGGAACGAGAAAGAGGCGCATAGGG	760
Db	638	GCTACTCGGGAATCCTTAAACATCTGCTCGGTGTGGAATGAGAGAGAGGCGCACAGG	697
QY	761	CAGTGAGAGTCACTCTTCCACCATCATGATGTTTACTTTCTTCTTGACCTCCCTATAACA	820
Db	698	CTGTGAGGCTTATCTTCCACCATCATGATGTTTATTCTTCTTGCGCTCCCTACAACA	757
QY	821	TTGTCAATCTCCTGAACACCTTCCAGAAATCTTCGGCCCTGAGTCACTGTGGAAGCACCA	880
Db	758	TTGTCTCTCTCCTGAACACCTTCCAGAAATCTTTTGGCCCTGGAATAATTGCAGTAGTCTTA	817
QY	881	GTCAACTGSCACCAAGCCAGCAGGTGACAGAGACTCTTGGGATGACTCACTGCTGCATCA	940
Db	818	ACAGGTTGGACCAAGCTATGCAAGTGACAGAGACTCTTGGATGACGACACTGCTGTCATCA	877
QY	941	ATCCCATCATCTATGCTCTTGGGGGAGAGTTTCAAGAAGC	981
Db	878	ATCCCATCATCTATGCTCTTGGGGGAGAGTTTCAAGAAGC	918

RESULT 7
HS-09-813-653-14

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US-09-813-653-14
> Sequence 14, Application US/09813653
> Patent No. US20020064770A1
>
> GENERAL INFORMATION:
>
> APPLICANT: Nestor, John
> APPLICANT: Wilson, Carol
> APPLICANT: See, Raymond
> APPLICANT: Tan Hehir, Christina
> TITLE OF INVENTION: Binding Compounds and
> FILE REFERENCE: CNS-005
> CURRENT APPLICATION NUMBER: US/09/813,653
> CURRENT FILING DATE: 2001-03-20
> PRIOR APPLICATION NUMBER: US 60/190,946
> PRIOR FILING DATE: 2000-03-21
> PRIOR APPLICATION NUMBER: US 60/190,996
> PRIOR FILING DATE: 2000-03-21
> PRIOR APPLICATION NUMBER: US 60/191,299
> PRIOR FILING DATE: 2000-03-21

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	Query Match	28.3%	Score 632.6;	DB 10;	Length 1056;
	Best Local Similarity	83.4%;	Pred. No. 8.7e-172;		
	Matches 735;	Conservative	0;	Mismatches 134;	Indels 12; Gaps
QY	113	ATTATGATACGGTGTCCCTGTCATAAATTTGACGTGAAGCAAAATTTGGGGCCCACTCC	172		
Db	38	ATTATTATACATCGGAGCCCTGCCAAAAATCAATGTGAAGCAAAATTCGAGCCCGCCTCC	97		
QY	173	TGCGTCGGCTCTACTCGCTGGTGTTCATCTTTTGGTTTGTGGGCAACATGCTGGTCTGCTCC	232		
Db	98	TGCTCGGCTCTACTACTGGTGTTCATCTTTGGTTTGTGGGCAACATGTGGTCATCC	157		

; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 1225
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (27)..(1085)
US-09-813-653-14

Query Match 28.3%; Score 632.6; DB 10; Length 1225;
Best Local Similarity 83.4%; Pred. No. 9.6e-172;
Matches 735; Conservative 0; Mismatches 134; Indels 12; Gaps 1;

QY 113 ATTATGATTACGGTCTCCCTGTCATAAATTGACGTGAAGCAAAATTTGGGCCCAACTCC 172
Db 64 ATTATATACATCGAGCCCTGCCAAAATAATCAATGTGAAGCAAAATCGAGCCCGCTCC 123
QY 173 TGCCTCGGCTACTCGTGTGTTTCATCTTTTGGTGTGGGCAACATGCTGTGCTGCC 232
Db 124 TGCCTCGGCTACTCGTGTGTTTCATCTTTTGGTGTGGGCAACATGCTGTGCTGCC 183
QY 233 TCATCTTAATAAAGTGAAGTGAAGTCTTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 292
Db 184 TCATCTTAATAAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 243
QY 293 CCATCTCTGATCTGCTTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTT 352
Db 244 CCATCTCTGATCTGCTTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTT 303
QY 353 AGTGGGTCTTTGGGAATGCAATGTGCAATGTGCAATGTGCAATGTGCAATGTGCAATGTG 412
Db 304 AGTGGGTCTTTGGGAATGCAATGTGCAATGTGCAATGTGCAATGTGCAATGTGCAATGTG 363
QY 413 TTGGCGGAATCTTCTTCAATCATCTCTGCAATCATCTGCAATCATCTGCAATCATCTG 472
Db 364 TCTCTGGAATCTTCTTCAATCATCTCTGCAATCATCTGCAATCATCTGCAATCATCTG 423
QY 473 CTGTGTTTCTTTAAAGCCAGGACGCTACCTTTGGGGTGTGCAAGTGTGCAAGTGTG 532
Db 424 CTGTGTTTCTTTAAAGCCAGGACGCTACCTTTGGGGTGTGCAAGTGTGCAAGTGTG 483
QY 533 GGTGGTGTGCTGTTTGTCTGCTCCAGGAATCATCTTTTCAATCATCTGCAATCATCTG 592
Db 484 GGTGGTGTGCTGTTTGTCTGCTCCAGGAATCATCTTTTCAATCATCTGCAATCATCTG 543
QY 593 ATCTGTTTATGCTGTGCTCCCTTATTTTCCA-----CGAGGATGGAATAAT 640
Db 544 GTCTTCATTTACCTGTCAGCTCTCAATTTTCCATACAGTCAAGTCAATTTCTGGAAGAT 603
QY 641 TCCACACAATAATAGGAAACATTTTGGGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCT 700
Db 604 TCCACACAATAATAGGAAACATTTTGGGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCT 663
QY 701 GCTACTCGGGAATCTGAAACCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 760
Db 664 GCTACTCGGGAATCTGAAACCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 723
QY 761 CAGTGAGAGTCACTTTCACCATCATGATTTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 820
Db 724 CTGTGAGGCTTATCTTCAACATCATGATTTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 783
QY 821 TTGTTCATCTCTGCAACACCTTCCAGGAATTTCTTGGGCTGAGTAACTGTGAAGCACC 880
Db 784 TTGTTCATCTCTGCAACACCTTCCAGGAATTTCTTGGGCTGAGTAACTGTGAAGCACC 843
QY 881 GTCAACTGGACCAAGCCAGGACGAGTGTGAGAGTCTTGGGATGACTCACTGCTGCATCA 940
Db 844 ACAGGTTGGACCAAGCTATGAGGAGTGTGAGAGTCTTGGGATGACTCACTGCTGCATCA 903
QY 941 ATCCATCATCTATGCTTCTGTTGGGAGAGTTCAGAAAGC 981
Db 981 ATCCATCATCTATGCTTCTGTTGGGAGAGTTCAGAAAGC 996

Db 904 ACCCATCATCTATGCTTGTGCGGGAGAGTTCAGAAAC 944

RESULT 8

US-10-086-814-2
; Sequence 2, Application US/10086814
; Publication No. US20030092632A1
; GENERAL INFORMATION:
; APPLICANT: Dragic, Tatjana
; APPLICANT: Olson, William C.
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 61010-AB-1
; CURRENT APPLICATION NUMBER: US/10/086,814
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 1376
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-086-814-2

Query Match 28.3%; Score 632.6; DB 9; Length 1376;
Best Local Similarity 83.4%; Pred. No. 1e-171;
Matches 735; Conservative 0; Mismatches 134; Indels 12; Gaps 1;

QY 113 ATTATGATTACGGTCTCCCTGTCATAAATTGACGTGAAGCAAAATTTGGGCCCAACTCC 172
Db 277 ATTATATACATCGAGCCCTGCCAAAATAATCAATGTGAAGCAAAATCGAGCCCGCTCC 336
QY 173 TGCCTCGGCTACTCGTGTGTTTCTTCTTTTGTGGTGGTGGTGGTGGTGGTGGTGGTGG 232
Db 337 TGCCTCGGCTACTCGTGTGTTTCTTCTTTTGTGGTGGTGGTGGTGGTGGTGGTGGTGG 396
QY 233 TCATCTTAATAAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 292
Db 397 TCATCTTAATAAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 456
QY 293 CCATCTCTGATCTGCTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 352
Db 457 CCATCTCTGATCTGCTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 516
QY 516 AGTGGGTCTTTGGGAATGCAATGTGCAATGTGCAATGTGCAATGTGCAATGTGCAATGTG 412
Db 517 AGTGGGTCTTTGGGAATGCAATGTGCAATGTGCAATGTGCAATGTGCAATGTGCAATGTG 576
QY 413 TTGGCGGAATCTTCTTCAATCATCTCTGCAATCATCTGCAATCATCTGCAATCATCTG 472
Db 577 TCTCTGGAATCTTCTTCAATCATCTCTGCAATCATCTGCAATCATCTGCAATCATCTG 636
QY 473 CTGTGTTTGTCTTTAAAGCCAGGACGCTACCTTTGGGGTGTGCTGCTGCTGCTGCTGCT 532
Db 637 CTGTGTTTGTCTTTAAAGCCAGGACGCTACCTTTGGGGTGTGCTGCTGCTGCTGCTGCT 696
QY 533 GGTGGTGTGCTGCTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 592
Db 697 GGTGGTGTGCTGCTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 756
QY 593 ATCTGTTTATGCTGTGCTCCCTTATTTTCCA-----CGAGGATGGAATAAT 640
Db 757 GTCTTCATTTACCTGTCAGCTCTCAATTTTCCATACAGTCAAGTCAATTTCTGGAAGAT 816
QY 641 TCCACACAATAATAGGAAACATTTTGGGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCT 700
Db 817 TCCACACAATAATAGGAAACATTTTGGGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCT 876
QY 701 GCTACTCGGGAATCTGAAACCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 760
Db 877 GCTACTCGGGAATCTGAAACCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 936
QY 761 CAGTGAGAGTCACTTTCACCATCATGATTTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 820
Db 937 CTGTGAGGCTTATCTTCAACATCATGATTTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 996

QY 641 TCCACACAATATGAGGAACATTTTGGGCTGGTCTCCGCTGCTCATCATGCTCATCT 700
DB 817 TCCACACAATTAAGATAGTATCATCTTTGGGCTGGTCTCCGCTGCTTGTGTCATGGTCTCT 876
QY 701 GCTACTCGGGAATCTGAAACCCCTGCTTGGTGTGCGAAGAGAGAGAGAGAGAGAG 760
DB 877 GCTACTCGGGAATCTGAAACCCCTGCTTGGTGTGCGAAGAGAGAGAGAGAGAGAG 936
QY 761 CAGTGAGAGTCAATCTTCCACCATCATGATTTTACTTCTTCTGCTGCTTCTTCTTATAACA 820
DB 937 CTGTGAGGCTTATCTTCCACCATCATGATTTTATTTTCTTCTGCTGCTTCTTCTTATAACA 996
QY 821 TTGTGATCTCTGTAACACCTTCCAGGAATTTCTTCCGCTGCTGAGTAACTGTGAAAGACCA 880
DB 997 TTGTCTCTCTGTAACACCTTCCAGGAATTTCTTCCGCTGCTGAGTAACTGTGAGTACTA 1056
QY 881 GTCAACTGGACCAAGCCAGGTCAGAGACTCTTGGGATGACTCACTGCTGCTATCA 940
DB 1057 ACAGGTTGGACCAAGCTATGCAAGTGCAGAGACTCTTGGGATGAGGCACTGCTGCTATCA 1116
QY 941 ATCCCATCATCTATGCTTCTGTTGGGAGAGATTTCAGAAGC 981
DB 1117 ACCCCATCATCTATGCTTCTGCTGGGAGAGATTTCAGAAGC 1157

RESULT 10
US-10-232-686-1
; Sequence 1, Application US/10232686
; Publication No. US20030023044A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Human G-Protein Chemokine Receptor (CCR5) HDGNR10
; FILE REFERENCE: 1488.115000N
; CURRENT APPLICATION NUMBER: US/10/232,686
; PRIOR FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: 09/339,912
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/195,662
; PRIOR FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 08/466,343
; PRIOR FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1
; LENGTH: 1414
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (259)..(1314)
US-10-232-686-1

Query Match 28.3%; Score 632.6; DB 9; Length 1414;
Best Local Similarity 83.4%; Pred. No. 1.1e-171;
Matches 735; Conservative 0; Mismatches 134; Indels 12; Gaps 1;
QY 113 ATTATGATTACGGTCTCTCTGTCATATAATTTGACGTGAAGCAAAATTTGGGCCCCAATCC 172
DB 296 ATTATATACATCGGAGCCCTGCCAAAAATCAATGAAGCAAAATCGGAGCCCGCTCC 355
QY 173 TGCCTCCGCTCTACCTGCTGTTTCATCTTTGTTTGTGGCAACATGCTGCTGCTCC 232
DB 356 TGCCTCCGCTCTACCTGCTGTTTCATCTTTGTTTGTGGCAACATGCTGCTGCTCC 415
QY 233 TCATCTTAATAAAGTCAAAAGCTGAAGTGTGTTGACTGACATTTACCTGCTCAACCTGG 292
DB 416 TCATCTGATAAATCAAAAGCTGAAGAGCATGACTGACATCTACCTGCTCAACCTGG 475
QY 293 CCATCTCTGATCTGCTTTTCTTATTTACTCTCCATTTGCTGCTCACTCTGCTGCAAAATG 352
DB 476 CCATCTCTGATCTGCTTTTCTTCTTACTGTCCTCTTCTGCTGCTGCTGCTGCTGCTGCT 535

QY 821 TTGTCTCTCTGTAACACCTTCCAGGAATTTTGGGCTGGTCTGAGTAACTGTGAAAGACCA 880
DB 997 TTGTCTCTCTGTAACACCTTCCAGGAATTTTGGGCTGGTCTGAGTAACTGTGAGTAACT 1056
QY 881 GTCAACTGGACCAAGCCAGGTCAGAGACTCTTGGGATGACTCACTGCTGCTATCA 940
DB 1057 ACAGGTTGGACCAAGCTATGCAAGTGCAGAGACTCTTGGGATGAGGCACTGCTGCTATCA 1116
QY 941 ATCCCATCATCTATGCTTCTGTTGGGAGAGATTTCAGAAGC 981
DB 1117 ACCCCATCATCTATGCTTCTGCTGGGAGAGATTTCAGAAGC 1157

US-09-796-202-2
; Sequence 2, Application US/09796202
; Patent No. US20020068813A1
; GENERAL INFORMATION:
; APPLICANT: Draglic, Tatjana
; APPLICANT: Olsson, William
; TITLE OF INVENTION: SULFATED CCR5 PEPTIDES FOR HIV-1 INFECTION
; FILE REFERENCE: 2048/61010/JPW/SRS
; CURRENT APPLICATION NUMBER: US/09/796,202
; CURRENT FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2
; LENGTH: 1376
; TYPE: DNA
; ORGANISM: human
US-09-796-202-2

Query Match 28.3%; Score 632.6; DB 10; Length 1376;
Best Local Similarity 83.4%; Pred. No. 1e-171;
Matches 735; Conservative 0; Mismatches 134; Indels 12; Gaps 1;
QY 113 ATTATGATTACGGTCTCTCTGTCATATAATTTGACGTGAAGCAAAATTTGGGCCCCAATCC 172
DB 277 ATTATATACATCGGAGCCCTGCCAAAAATCAATGAAGCAAAATCGGAGCCCGCTCC 336
QY 173 TGCCTCCGCTCTACCTGCTGTTTCATCTTTGTTTGTGGCAACATGCTGCTGCTCC 232
DB 337 TGCCTCCGCTCTACCTGCTGTTTCATCTTTGTTTGTGGCAACATGCTGCTGCTCC 396
QY 233 TCATCTTAATAAAGTCAAAAGCTGAAGTGTGTTGACTGACATTTACTGCTCAACCTGG 292
DB 397 TCATCTGATAAATCGCAAAAGCTGAAGAGCATGACTGACATCTACTGCTCAACCTGG 456
QY 293 CCATCTCTGATCTGCTTTTCTTATTTACTCTCCCATTTGGGCTCACTCTCTGCAAAATG 352
DB 457 CCATCTCTGATCTGCTTTTCTTCTTCTTACTGTCCTCTCTGCTGCTGCTGCTGCTGCT 516
QY 353 AGTGGGCTTTTGGGAATGCAATGTGCAAAATTTATTCACAGGCTGTATACATPCGGTTATT 412
DB 517 AGTGGGCTTTTGGGAATGCAATGTGCAAAATTTATTCACAGGCTGTATATTTATAGCTTCT 576
QY 413 TTGGCGGAATCTTCTTCATATCTCTCTGCAATCGATAGATACCTGCTATTTGCTCATG 472
DB 577 TCTCTGGAATCTTCTTCATATCTCTCTGCAATCGATAGATACCTGCTGCTGCTGCTGCT 636
QY 473 CTGCTGTTTCTTAAAGCCAGGAGGCTCACCTTTGGGCTGGTGAAGAGTGTGATCACT 532
DB 637 CTGCTGTTTCTTAAAGCCAGGAGGCTCACCTTTGGGCTGGTGAAGAGTGTGATCACT 696
QY 533 GGTGGTGGCTGTGTTGCTTCTGTCGCCAGGAATCATCTTTACTTAATGCCAAGAAGAG 592
DB 697 GGTGGTGGCTGTGTTGCTTCTGTCGCCAGGAATCATCTTTACTTACCATCTCAAAAGAG 756
QY 593 ATTCTGTTTATGCTGTGCTGCTTATTTTCCA-----CGAGGATGGAATAAT 640
DB 757 GTCTTCAATACACCTGCACTCTCATTTTCCATACAGTCAAGTATCAATTTCTGGAAGAAAT 816


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Db 716 GGTGGTGGCTGTTGGTGGCTCTCCAGGAATCATCTTTACCAGATCTCAAAAAGAG 775
QY 593 ATTCTGTTATGCTGGGCTTATTTTCA-----CGAGGATGGATATTT 640
Db 776 GTCTTCATTACACTGCAGCTCTCATTTTCATACAGTCAGTATCAATTCGGGAATTT 835
QY 641 TCCACACAATTAAGAGAAATTTTGGGGTGGTCCCTGCGCTGCTCATCATGTGTCATCT 700
Db 836 TCCAGACATTAAGATAGTATCATCTTGGGGTGGTCCCTGCGCTGCTCATGTGTCATCT 895
QY 701 GCTACTCGGGAATCTTCAAAACCTCTCGGTGTCGAAAGGAGAGAAAGAGGATAGG 760
Db 896 GCTACTCGGGAATCTTCAAAACCTCTCGGTGTCGAAAGGAGAGAAAGAGGACAGG 955
QY 761 CAGTGAAGTCACTTCCACCATCATGATTTTACTTCTCTTCTGAGCTCCCTTAAACA 820
Db 956 CTGTGAGGCTTATCTTCCACCATCATGATTTTACTTCTCTTCTGAGCTCCCTTAAACA 1015
QY 821 TTGTCTATCTCTGAAACCTTCCAGGAATTTTGGGCTGAGTAACTGTGAAAGCACC 880
Db 1016 TTGTCTATCTCTGAAACCTTCCAGGAATTTTGGGCTGAGTAACTGTGAAAGCACC 1075
QY 881 GTCACTGAGAGTCACTTCCACCATCATGATTTTACTTCTCTTCTGAGCTCCCTTAAACA 820
Db 1076 TCCACACAATTAAGAGAAATTTTGGGGTGGTCCCTGCGCTGCTCATCATGTGTCATCT 700
QY 941 ATCCCATCATCTATGCTTCTGTTGGGAGAGTTTCAGAAC 981
Db 1136 ACCCATCATCTATGCTTCTTCTTATTATCTCCCATTTGGGCTCACTTCTGCTCAATG 352

RESULT 14
US-09-502-783A-1
; Sequence 1, Application US/09502783A
; Patent No. US20020132269A1
; GENERAL INFORMATION:
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Polynucleotides Encoding Human G-Protein Chemokine Receptor (CRR)
; FILE REFERENCE: HDNR10
; CURRENT APPLICATION NUMBER: US/09/502,783A
; PRIOR FILING DATE: 2001-08-23
; PRIOR FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 1414
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (259)..(1314)
US-09-502-783A-1

Query Match 28.3%; Score 632.6; DB 10; Length 1414;
Best Local Similarity 83.4%; Pred. No. 1.1e-171;
Matches 735; Conservative 0; Mismatches 134; Indels 12; Gaps 1;

QY 113 ATTATGATTACGGTGGCTCCCTGTCATTAATTTGAGTGAAGCAATTTGGGGCCCAATCC 172
Db 296 ATTATGATTACGGTGGCTCCCTGTCATTAATTTGAGTGAAGCAATTTGGGGCCCAATCC 355
QY 173 TGCTCCGGCTCTACTCGCTGGTGTCTATCTTGGTTTGGGCAACATGCTGCTGCTCC 232
Db 356 TGCTCCGGCTCTACTCGCTGGTGTCTATCTTGGTTTGGGCAACATGCTGCTGCTCC 415
QY 233 TCATCTTAATAACTGCAAAAGCTGAAGTGTGACTGACATTTACCTGCTCAACCTGG 292
Db 416 TCATCTGATAAAGCTGCAAAAGCTGAAGTGTGACTGACATTTACCTGCTCAACCTGG 475
QY 293 CCATCTCTGATGCTTTTCTTCTTATTATCTCCCATTTGGGCTCACTTCTGCTCAATG 352
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Db 476 CCATCTCTGACCTGTTTCTTCTTACTGTCCTCCCTTCTGGGCTCACTATGCTGCGGCC 535
QY 353 AGTGGGTCTTTGGGAATGAATGTGCAAAATTTTACAGAGGCTGTATACACATCGGTTAT 412
Db 536 AGTGGGACTTTGGAATACAAATGTGCAACTCTTGACAGGGCTCTATTTATAGGCTTCT 595
QY 413 TTGGGGGAATCTTCTTTCATCATCTCTGACAATCGATAGATACCTGGCTATTTGTCATG 472
Db 596 TCTCTGGAATCTTCTTTCATCATCTCTGACAATCGATAGATACCTGGCTGCTGCTCATG 655
QY 473 CTGTGTTGCTTTTAAAGCCAGGACGTCACCTTTGGGGTGGTGAAGAAGTGTGATCACT 532
Db 656 CTGTGTTGCTTTTAAAGCCAGGACGTCACCTTTGGGGTGGTGAAGAAGTGTGATCACT 715
QY 533 GGTGGTGGCTGTTGCTTCTGTCAGGAATCATCTTTACTAAATGCCAGAAAGAG 592
Db 716 GGTGGTGGCTGTTGCTTCTGTCAGGAATCATCTTTACTAAATGCCAGAAAGAG 775
QY 593 ATTCTGTTTATGCTGTTGGCCCTTATTTTCCA-----CGAGGATGGATATTT 640
Db 776 GTCTTCATTACACTGCAGCTCTCATTTTCCATACAGTCAGTATCAATTTTGAAGAAT 835
QY 641 TCCACACAATTAAGAGAAATTTTGGGGTGGTCCCTGCGCTGCTCATCATGTGTCATCT 700
Db 836 TCCAGACATTAAGATAGTATCATCTTGGGGTGGTCCCTGCGCTGCTCATGTGTCATCT 895
QY 701 GCTACTCGGGAATCTTCAAAACCTCTCGGTGTCGAAAGGAGAGAGGATAGG 760
Db 896 GCTACTCGGGAATCTTCAAAACCTCTCGGTGTCGAAAGGAGAGAGGACAGG 955
QY 761 CAGTGAAGTCACTTCCACCATCATGATTTTACTTCTCTTCTGAGCTCCCTTAAACA 820
Db 956 CTGTGAGGCTTATCTTCCACCATCATGATTTTACTTCTCTTCTGAGCTCCCTTAAACA 1015
QY 821 TTGTCTATCTCTGAAACCTTCCAGGAATTTTGGGCTGAGTAACTGTGAAAGCACC 880
Db 1016 TTGTCTATCTCTGAAACCTTCCAGGAATTTTGGGCTGAGTAACTGTGAAAGCACC 1075
QY 881 GTCACTGAGAGTCACTTCCACCATCATGATTTTACTTCTCTTCTGAGCTCCCTTAAACA 820
Db 1076 ACAGGTTGGACCAAGCTATGCAAGTGAAGAGACTCTTGGGATGAGCCACTGCTGCA 1135
QY 941 ATCCCATCATCTATGCTTCTGTTGGGAGAGTTTCAGAAC 981
Db 1136 ACCCATCATCTATGCTTCTTCTTATTATCTCCCATTTGGGCTCACTTCTGCTCAATG 352
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RESULT 15
US-09-759-841-1
; Sequence 1, Application US/09759841
; Patent No. US20010039026A1
; GENERAL INFORMATION:
; APPLICANT: Rickett, Graham A
; APPLICANT: Dobbs, Susan
; APPLICANT: Perros, Manoussos
; TITLE OF INVENTION: Assay Method
; FILE REFERENCE: PC10348APME
; CURRENT APPLICATION NUMBER: US/09/759,841
; PRIOR FILING DATE: 2001-01-12
; PRIOR FILING DATE: 2000-01-12
; PRIOR FILING DATE: 2000-01-12
; PRIOR FILING DATE: 2000-01-12
; PRIOR FILING DATE: 2000-01-12
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 1477
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
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Mon Jun 2 09:42:07 2003

NAME/KEY: misc.feature
LOCATION: 1377, 1384, 1385
OTHER INFORMATION: n is a or g or c or t/u
US-09-759-841-1

Query Match		28.3%	Score 632.6;	DB 10;	Length 1477;
Best Local Similarity		83.4%	Pred. No. 1.le-171;		
Matches 735;		Conservative 0;	Mismatches 134;	Indels 12;	Gaps 1;
QY	113	ATTATGATTACGGTCTCCCTGCTCATATAATTTGACGTGAAGCAAAATTTGGGGCCCAACTCC	172		
DB	277	ATTATATATACATCGGAGCCCTCCCAAAATCAATGTGAAGCAAAATCGAGCCCGCTCC	336		
QY	173	TGCTCCCGCTCTACCTGGTGGTGTCACTTTTGGTTTGGGGCAACATGCTGGTGGTCC	232		
DB	337	TGCTCCCGCTCTACCTGGTGGTGTCACTTTTGGTTTGGGGCAACATGCTGGTGGTCC	396		
QY	233	TGCTCCCGCTCTACCTGGTGGTGTCACTTTTGGTTTGGGGCAACATGCTGGTGGTCC	292		
DB	397	TGCTCCCGCTCTACCTGGTGGTGTCACTTTTGGTTTGGGGCAACATGCTGGTGGTCC	456		
QY	293	CCATCTCTGATCTGCTTTTCTTATTTACTCTCCCATTTGGGCTCACTCTGCTGCAAAATG	352		
DB	457	CCATCTCTGATCTGCTTTTCTTATTTACTCTCCCATTTGGGCTCACTCTGCTGCAAAATG	516		
QY	353	AGTGGTCTTTTGGGAATGCAATGTGCAAAATTTATTCACAGGGCTGTATCATCGGTTATTT	412		
DB	517	AGTGGGACTTTGGGAATGCAAAATGTCAACTCTTGACAGGGCTCTATTTATAGGCTTCT	576		
QY	413	TTGGCGGAATCTTCTTCATCATCTCTCTGACAAATGATAGATACCTGGCTATTGTGCATG	472		
DB	577	TTCTGGGAATCTTCTTCATCATCTCTCTGACAAATGATAGATACCTGGCTATTGTGCATG	636		
QY	473	CTGCTTTTGGTTTAAAGCCAGGACGCTCACCTTTGGGTTGGTGACAAGTGTGATCACTT	532		
DB	637	CTGCTTTTGGTTTAAAGCCAGGACGCTCACCTTTGGGTTGGTGACAAGTGTGATCACTT	696		
QY	533	GGTGGTGGTGTGTTGCTTCTGTCGCCAGGAATCATCTTTACTAAATGCCAAGAAAG	592		
DB	697	GGTGGTGGTGTGTTGCTTCTGTCGCCAGGAATCATCTTTACTAAATGCCAAGAAAG	756		
QY	593	ATTCCTGTTTATGCTGTGGCCCTTATTTTCCA-----CGAGGATGGAATAATT	640		
DB	757	GTCTTCATTTACCTGGAGCTCTCAATTTCCATACAGTCAGTATCAATTTGGGAAGATT	816		
QY	641	TCCACACAATTAATGAGGAACATTTTGGGCTGGTCTGCCGCTGCTCATCATGTCATCT	700		
DB	817	TCCAGACATTAAGATAGTCACTTTGGGCTGGTCTGCCGCTGCTTGTGTCATGTCATCT	876		
QY	701	GCTACTCGGAATCTGAAACCTGCTTGGTGTGCAAGCAAGCAAGGCGCATAGGG	760		
DB	877	GCTACTCGGAATCTGAAACCTGCTTGGTGTGCAAGCAAGCAAGGCGCATAGGG	936		
QY	761	CAGTGAGAGTCACTCTCACCACATCATGATTTTACTTTCTCTCTGAGCTCCCTATAACA	820		
DB	937	CTGTGAGGCTTATCTTCAACATCATGATTTTATTTCTCTCTGAGCTCCCTATAACA	996		
QY	821	TTGTCATCTCTGAAACCTTCCAGGAATTTCTGGGCTGAGTAACTGTGAAAGCACCA	880		
DB	997	TTGTCCTCTCTGAAACCTTCCAGGAATTTCTGGGCTGAGTAACTGTGAAAGCACCA	1056		
QY	881	GTCAACTGGACCAAGCCAGGCTGACAGAGACTTTGGGATGACTCACTGCTGCATCA	940		
DB	1057	ACAGTTGGACCAAGCTATGAGGTTGACAGAGACTCTTGGATGACGCACTGCTGCATCA	1116		
QY	941	ATCCCATCATCTATGCTTCTGTTGGGAGAAAGTTTCAGAAAGC	981		
DB	1117	ACCCCATCATCTATGCTTCTGTTGGGAGAAAGTTTCAGAAAC	1157		

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